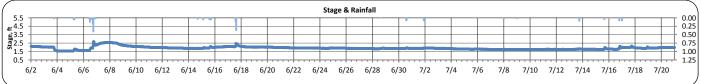
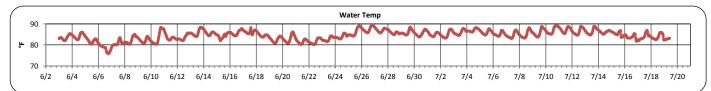


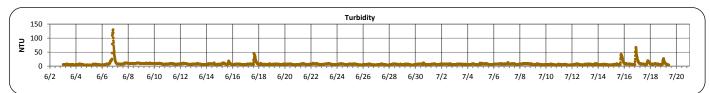


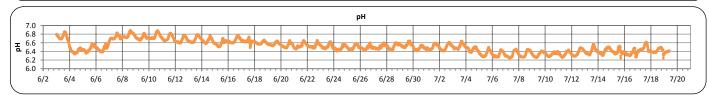
Gills Creek A (June 2, 2016 -- July 20, 2016)

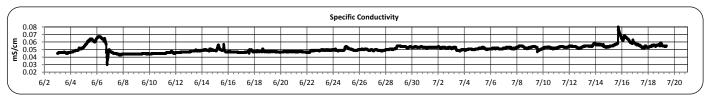
		CONTINUOUS	SUMMARY STATISTICS						
PARAMETER	DESCRIPTION	WATER QUALITY PARAMETERS:	MINIMUM OBSERVED	MAXIMUM OBSERVED	MEDIAN OBSERVED	MEAN OBSERVED	STANDARD DEVIATION		
STREAM NAME:	Gills Creek	STAGE (FT):	1.6	2.7	1.9	1.9	0.2		
LOCATION:	Forest Drive Bridge								
ADDRESS:	4840 Forest Drive, Columbia, SC 29206	TEMPERATURE (°F):	76	89	85	85	2		
COORDINATES:	34.019826, -80.963566	TURBIDITY (NTU):	4	131	7	8	7		
TMDL/IMPAIRMENT:	Fecal & Dissolved Oxygen				·				
NEIGHBORING LANDUSE:	Residential and commercial	pH:	6.3	6.9	6.5	6.5	0.1		
APPROX. DRAINAGE AREA:	48 square miles	pri.					0.1		
SPATIAL LOCATION:	Most upstream site	SPECIFIC		0.08	0.050				
TOTAL NO. STORMS OVER 0.1 INCH:	11	CONDUCTIVITY (mS/cm):	0.03			0.051	0.005		
MAX. DAILY RAINFALL:	1.2 inches	DISSOLVED	0.7	7.7	0.4	0.0	0.0		
TOTAL RAINFALL (FOR PERIOD):	3.2 inches	OXYGEN (mg/L):	3.7	7.7	6.4	6.2	0.8		

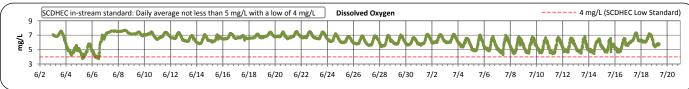












Gills Creek A (June 2, 2016 -- July 20, 2016)

Explanation of Statistics:

MINIMUM OBSERVED	The minimum of the values recorded by the datasonde in 15 minute intervals.
MAXIMUM OBSERVED	The maximum of the values recorded by the datasonde in 15 minute intervals.
MEDIAN OBSERVED	The median of all the values recorded by the datasonde in 15 minute intervals.
MEAN OBSERVED	The average of all the values recorded by the datasonde in 15 minute intervals.
STANDARD DEVIATION	The standard deviation of all the values recorded by the datasonde in 15 minute intervals.

Sampled Data:

	Sample 1		Sample 2		Sam	ple 3	Sample 4	
Analyte (units)								
	Time	Results	Time	Results	Time	Results	Time	Results
Escherichia coli								
(MPN/100mL)								
Total Suspended								
Solids (mg/L)								
Total Phosphorus								
(mg/L)								
Total Nitrogen								
(mg/L)								

Notes:



6/2

Continuous Water Quality Monitoring Periodic Report



Gills Creek B (June 2, 2016 -- July 20, 2016)

	DE02212212				NTINU		SUMMARY STATISTICS												
PARAMETER	METER DESCRIPTION			WATER QUALITY PARAMETERS:			MINIMUM MAXIMU OBSERVED OBSERV			MEDIAN OBSERVED				MEAN SERVED		TANDA EVIATI			
STREAM NAME:	Gills	s Creek		ST	AGE (F	T):		3.0		5.1			3.2			3.3		0.3	
LOCATION:		Street bridge		TF	MPFR4	ATURE (°F	:)-	N/A		N/A			N/A		-	N/A		N/A	
ADDRESS:		evine Street a, SC 29209			WII EIN/	110112(1		14// (14//	`		14// (4// (14// (
COORDINATES:	33.98965	56, -80.9743	3	TU	RBIDIT	Y (NTU):		N/A		N/A			N/A			N/A		N/A	
TMDL/IMPAIRMENT:	Fecal & Dis	ssolved Oxyg	gen			. ().				,,	•								
NEIGHBORING _ANDUSE:	Residential	and commer	rcial	pH				N/A		N/A			N/A		ľ	N/A		N/A	
APPROX. DRAINAGE AREA:	59 squ	uare miles		Pi.				14// (14//			14// (14/71	
PATIAL LOCATION:	Mid	ldle site			ECIFIC														
OTAL NO. STORMS OVER 0.1 INCH:		13			NDUC ⁻ S/cm):	TIVITY		N/A		N/A	١		N/A		1	N/A		N/A	
IAX. DAILY RAINFALL:	1.7	inches		DIS	SOLVI	ED		N/A		N/A			N/A			NI/A			
OTAL RAINFALL (FOR PERIOD):	7.0	inches		ОХ	YGEN	(mg/L):		N/A		IN/P	`		IN/A		N/A			N/A	
			•			Stage & Rai	nfall							-					
8 6															T	T		П	
6 4		100															\perp	\perp	
2 1111111111111111111111111111111111111	6/10 6/12	5/14 5/15	C/10	C /20	6/22	124 6/26	6/20	c /20	7/2	7/4	1/6	1/0	7/10	7/12	7/14	7/16	7/10	7/20	
6/2 6/4 6/6 6/8	6/10 6/12	6/14 6/16	6/18	6/20	6/22 6	5/24 6/26	6/28	6/30	7/2	7/4	7/6 7	7/8 7	7/10	7/12	7/14	//16	7/18	7/20	
						Water To	emp												
60					1	1									\equiv	\equiv	工		
50														_			\perp		
40																			
6/2 6/4 6/6 6/8	8 6/10 6/12	6/14 6/16	6/18	6/20	6/22	6/24 6/26	6/28	6/30	7/2	7/4	7/6	7/8	7/10	7/12	7/14	7/16	7/18	7/20	
200						Turbid	ity												
150															_	=	\blacksquare		
100															士	士	\perp		
0	/8 6/10 6/12	2 6/14 6/1	6 6/18	6/20	6/22	6/24 6/2	6 6/28	6/30	7/2	7/4	7/6	7/8	7/10	7/12	7/1/	7/16	7/18	7/20	
0/2 0/4 0/0 0/	78 0/10 0/12	2 0/14 0/1	.0 0/18	0,20	0/22	0/24 0/2	.0 0/20	0/30	7/2	7/4	7,0	7/6	7/10	7/12	7/14	7/10	7/10	7720	
						рН													
6.9															\mp	\equiv	\Box		
6.5																			
6.1																			
6/2 6/4 6/6 6/8	6/10 6/12	6/14 6/16	6/18	6/20	6/22	6/24 6/26	6/28	6/30	7/2	7/4	7/6	7/8	7/10	7/12	7/14	7/16	7/18	7/20	
						C													
0.06	1 1					Specific Co	nauctivit	у				_							
0.05		++	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
0.04		++	_	+	+	+	-+			+	+	+	+	+	+	+	+	+	
0.03 6/2 6/4 6/6 6/	8 6/10 6/12	6/14 6/16	6/18	6/20	6/22	6/24 6/2	. 6 6/28	6/30	7/2	7/4	7/6	7/8	7/10	7/12	7/14	7/16	7/18	 7/20	
, -,- 0/		. 5,20	-,-3	,		,-	-,	.,		•									
SCDHEC in-stream sta	ndard: Daily avera	ge not less than	5 mg/L w	ith a low	of 4 mg/	L Dissolv	ed Oxyge	n					_		4 mg	/L (SCDH	EC Low S	tandard	
13	ndard: Daily avera	ge not less than	5 mg/L w	vith a low	of 4 mg/	/L Dissolv	ed Oxyge	n ———					_		4 mg	/L (SCDH	EC Low S	tandard	
13	ndard: Daily avera	ge not less than	5 mg/L w	vith a low	of 4 mg/	/L Dissolv	ed Oxyge	n					_		4 mg	L (SCDH	EC Low S	tandard)	

Note: The Gil B sonde was deployed at the Smi B site during this calibration period while the Smi B sonde was sent to the manufacturer for repairs.

 $6/6 \quad 6/8 \quad 6/10 \quad 6/12 \quad 6/14 \quad 6/16 \quad 6/18 \quad 6/20 \quad 6/22 \quad 6/24 \quad 6/26 \quad 6/28 \quad 6/30 \quad 7/2 \quad 7/4 \quad 7/6 \quad 7/8 \quad 7/10 \quad 7/12 \quad 7/14 \quad 7/16 \quad 7/18 \quad 7/20$

Gills Creek B (June 2, 2016 -- July 20, 2016)

Explanation of Statistics:

MINIMUM OBSERVED	The minimum of the values recorded by the datasonde in 15 minute intervals.
MAXIMUM OBSERVED	The maximum of the values recorded by the datasonde in 15 minute intervals.
MEDIAN OBSERVED	The median of all the values recorded by the datasonde in 15 minute intervals.
MEAN OBSERVED	The average of all the values recorded by the datasonde in 15 minute intervals.
STANDARD DEVIATION	The standard deviation of all the values recorded by the datasonde in 15 minute intervals.

Sampled Data:

	Sample 1		Sam	ple 2	Sam	ple 3	Sample 4	
Analyte (units)								
	Time	Results	Time	Results	Time	Results	Time	Results
Escherichia coli								
(MPN/100mL)								
Total Suspended								
Solids (mg/L)								
Total Phosphorus								
(mg/L)								
Total Nitrogen								
(mg/L)								

Notes: The Gil B sonde was deployed at the Smi B site during this calibration period while the Smi B sonde was sent to the manufacturer for repairs.

Note: The Gil B sonde was deployed at the Smi B site during this calibration period while the Smi B sonde was sent to the manufacturer for repairs.





Gills Creek C (June 2, 2016 -- July 20, 2016)

		CONTINUOUS	SUMMARY STATISTICS							
PARAMETER	DESCRIPTION	WATER QUALITY PARAMETERS:	MINIMUM OBSERVED	MAXIMUM OBSERVED	MEDIAN OBSERVED	MEAN OBSERVED	STANDAI DEVIATIO			
STREAM NAME:	Gills Creek	STAGE (FT):	0.0	2.8	0.1	0.3	0.5			
LOCATION:	Bluff Road bridge									
ADDRESS:	3009 Bluff Rd. Columbia, SC 29209	TEMPERATURE (°F):	75	83	79	79	2			
COORDINATES:	33.948043, -80.9889									
TMDL/IMPAIRMENT:	Fecal & Dissolved Oxygen	TURBIDITY (NTU):	1	162	13	17	15			
NEIGHBORING LANDUSE:	Residential and commercial									
APPROX. DRAINAGE	64 square miles	pH:	6.1	6.4	6.3	6.3	0.1			
SPATIAL LOCATION:	Most downstream site	SPECIFIC								
TOTAL NO. STORMS OVER 0.1 INCH:	11	CONDUCTIVITY (mS/cm):	0.049	0.073	0.065	0.065	0.005			
MAX. DAILY RAINFALL:	1.41 inches	DISSOLVED								
TOTAL RAINFALL (FOR PERIOD):	5.6 inches	OXYGEN (mg/L):	3.9 5.9		5.0	4.9	0.5			
		Stage & Rainf	all							
# 4	6/10 6/12 6/14 6/16 6/18	6/20 6/22 6/24 6/26	6/28 6/30 7/2	7/4 7/6 7	/8 7/10 7/12	7/14 7/16 7/1				
		Water Tem)							
80		~								
6/2 6/4 6/6 6/8	6/10 6/12 6/14 6/16 6/18	6/20 6/22 6/24 6/26	6/28 6/30 7/2	2 7/4 7/6	7/8 7/10 7/12	7/14 7/16 7	7/18 7/20			
200		Turbidity								
100										
6/2 6/4 6/6 6,	/8 6/10 6/12 6/14 6/16 6/18	3 6/20 6/22 6/24 6/26	6/28 6/30 7/	/2 7/4 7/6	7/8 7/10 7/1	2 7/14 7/16	7/18 7/20			
6.6		рН								
6.4										
6.2										
6.0 6/4 6/6 6/8	6/10 6/12 6/14 6/16 6/18	6/20 6/22 6/24 6/26	6/28 6/30 7/2	2 7/4 7/6	7/8 7/10 7/12	7/14 7/16 7	7/18 7/20			
		Specific Cond	uctivity							
0.08										
0.06	- WV									
0.05 0.04 0.03										
6/2 6/4 6/6 6/5	8 6/10 6/12 6/14 6/16 6/18	6/20 6/22 6/24 6/26	6/28 6/30 7/	2 7/4 7/6	7/8 7/10 7/12	2 7/14 7/16	7/18 7/20			
SCDHFC in-stream stan	dard: Daily average not less than 5 mg/L w	ith a low of 4 mg/l Dissolv	od Ovygen			4 mg/L (SCDHEC	Low Standard			
7	dara. Daily average not less than 3 Mg/L w	DISSOIV	ed Oxygen			- IIIB/ E (SCEITEC	25W Standard			
7/8m										

Note: Data gaps appear when the sonde is removed for calibration or when the flow depth is below the sensors

6/10 6/12 6/14 6/16 6/18 6/20 6/22 6/24 6/26 6/28 6/30

6/2 6/4

7/4

7/10 7/12 7/14 7/16 7/18 7/20

Gills Creek C (June 2, 2016 -- July 20, 2016)

Explanation of Statistics:

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Sampled Data:

	Sample 1		Sample 2		Sam	ple 3	Sample 4	
Analyte (units)								
	Time	Results	Time	Results	Time	Results	Time	Results
Escherichia coli								
(MPN/100mL)								
Total Suspended								
Solids (mg/L)								
Total Phosphorus								
(mg/L)								
Total Nitrogen								
(mg/L)								

Notes: